



KPR Institute of Engineering
and Technology
(Autonomous)
Avinashi Road, Arasur, Coimbatore - 641 407



INSTITUTION OF ENGINEERS(INDIA)

ANNUAL REPORT ACADEMIC YEAR 2020-21

IEI**2020 - 2021****VISION**

To Enable practice of Ethics, Ethos and pursuits of professional Excellence of Engineering to promote our knowledge

MISSION

1. To facilitate dissemination and exchange of information and ideas amongst the members of the profession to students.
2. To effectively promote the general advancement of engineering, engineering science and technology to faculty members and students

MOTTO

The motto of IEI is to make students to develop their skills and upgrade themselves.

OBJECTIVES

Make the students to do the following:

- Organizing the events like webinar, seminar, workshop and hands-on Training.
- To get best student award
- R&D Activities and Grants

MEMBERS**FACULTY MEMBERS:**

S. No.	Name of the Faculty Member	Designation	Department
1	S.Bharani	AP (Sr. G)	CIVIL

STUDENT MEMBERS:

S. No.	Name of the Student Member	Department	Year	Section
1	LALITH ADITHYA V R	CIVIL	II	A
2	DHILIPKUMAR A	CIVIL	II	A
3	JAGATHEESWAR K	CIVIL	II	A
4	KODEESWARAN M	CIVIL	II	A
5	SARANYA R	CIVIL	II	A
6	SATHIYAPRIYA N	CIVIL	II	A
7	TAMILMANI P	CIVIL	II	A
8	SRI ANJEASH CHAKRAVARTHY V A	CIVIL	II	A
9	SRINIVASAN R S	CIVIL	II	A
10	SATHYASHEELAN S	CIVIL	II	A
11	SATHISH A	CIVIL	II	A
12	LOGESHWARAN A	CIVIL	II	A
13	HARISH NATARAJAN T	CIVIL	II	A
14	NANDITHA B	CIVIL	II	A
15	YOGANANDHAM V P	CIVIL	II	A
16	SWATHIKA M	CIVIL	II	A
17	VARSHITHA K	CIVIL	II	A
18	VIKRAM V	CIVIL	II	A
19	SATHYAN V	CIVIL	II	A
20	KAVIN K M	CIVIL	II	A

LIST OF EVENTS CONDUCTED FOR THE ACY 2020-21:

Event No.	Date	Type of Event	Title of the Event
1	25-07-2020	Webinar	Webinar on “Design of Lateral forces – Wind”
2	05.09.2020	Webinar	Webinar on “climatic change and challenges”

3	05.10.2020	Webinar	World habitat day Program
4	16-11-2020	Webinar	World standard day- "Environmental Sustainability through Resource Conservation Measures"
5	06.01.2020	Webinar	Webinar on "Climate Impact Change in the Environment"
6	24.02.2021	Webinar	Webinar on "GIS Application in Solid Waste Management"
7	09.04.2021	Webinar	Webinar on "Energy using Bio- Materials"
8	07.06.2021	Webinar	World Environment Day 2021 : Theme : Ecosystem Restoration Topic: "Sustainable Living – The way forward – For earth's sake"

Event No. : 1
 Date : 25.07.2020
 Venue : KPRIET
 Level of the Event : National
 Type of Event : Webinar
 Title of the Event : Design of Lateral forces – Wind
 In Association with : IEI Coimbatore local Centre
 Resource Person 1 : Dr. L.S Jayagopal
 : Mithran structures, Coimbatore
 Resource Person 2 :
 Convener : Dr.G.Anusha
 Co-conveners : S.Bharani
 : Faculty : 58
 No. of External : Research Scholars : 10
 Participant (Count) : Students : 43

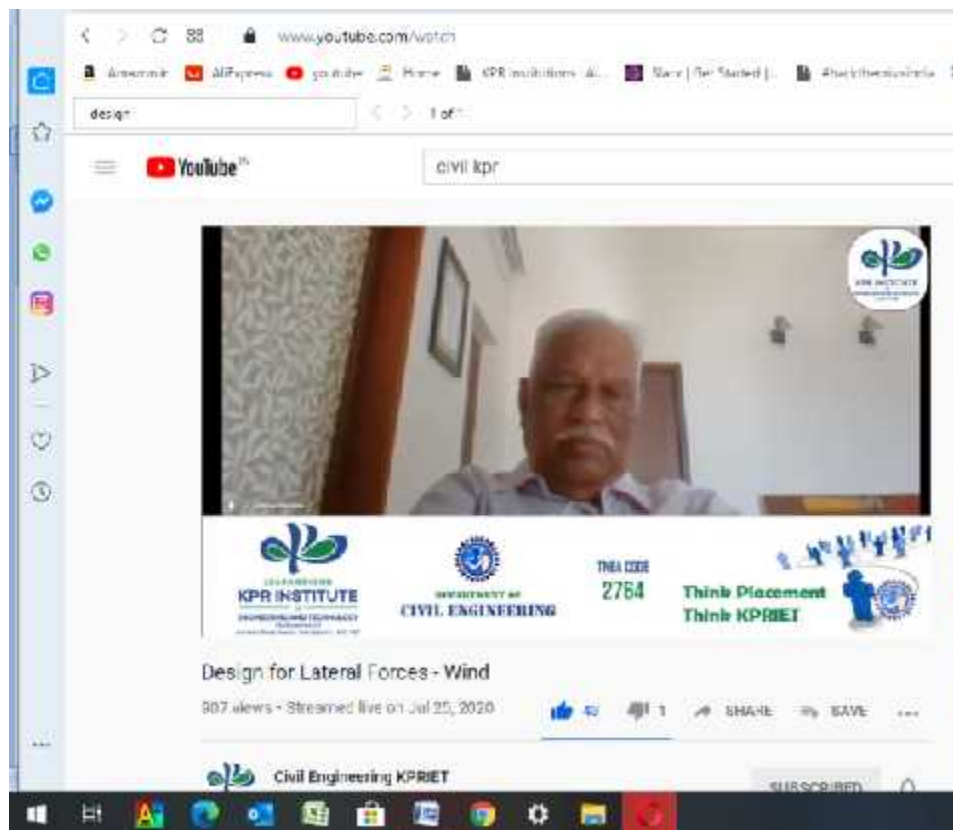
Others : Nil

Outcome :

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted webinar on “Design for Lateral Forces - Wind” on 25.07.2020 at 2.00 pm in association with IEI, Coimbatore local centre. The main aim of this webinar is to impart the advancement in new technology for students and faculty during the lock down.

Dr. L. S. Jayagopal Managing Director Mithran Structures gave a brief presentation on the lateral forces, wind direction and its impact in construction, forces acting on building and climatic changes. Totally 907 views in YouTube live and 490 participants submitted feedback form

Google Meet Link : <https://meet.google.com/iib-kvye-mtb>



Event No.	:	2
Date	:	05.09.2020
Venue	:	KPRIET
Level of the Event	:	National
Type of Event	:	Webinar
Title of the Event	:	Climatic change and challenges
In Association with	:	IEI Coimbatore local Centre
Resource Person 1	:	Dr S R Ramanan, Former Director, Area Cyclone Warning Centre, Regional Meteorological Centre, Chennai
Resource Person 2	:	
Convener	:	Dr.G.Anusha
Co-conveners	:	Dr.A.K Priya and S.Bharani
	:	Faculty : 40
No. of External Participant (Count)	:	Research Scholars : 08
	:	Students : 43
	:	Others : Nil

Outcome :

Monthly Lecture Meeting was arranged by The Institution of Engineers (India), Coimbatore Local Centre in association with Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore on 05th September 2020 (Saturday) at Online platform Google Meet. Dr P R Natarajan, Chairman, IE(I), Coimbatore Local Centre welcomed the meeting welcomed the gathering and Dr. G Anusha, Professor & Head, Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore presided over the meeting, Dr A. K. Priya, Associate Professor, Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore introduced the Chief Guest to the members. The Chief Guest Dr S R Ramanan, Former Director, Area Cyclone Warning Centre, Regional Meteorological Centre, Chennai gave Lecture on "Climate Change and Challenges".The members opined that the information given is very useful and effectively presented. The lecture meeting was concluded with Vote of thanks by Dr H Rammohan, Honorary Secretary, IE(I), Coimbatore Local Centre.

Google Meet Link : <https://meet.google.com/iib-kvye-mtb>



The poster is for a 'Monthly Lecture Meeting' organized by the 'DEPARTMENT OF CIVIL ENGINEERING' at 'KPH INSTITUTES OF Engineering AND Technology'. The topic is 'CLIMATE CHANGE AND CHALLENGES' by Dr. S. R. Ramanan. The meeting is scheduled for '05th September 2020' from '05.30 p.m. - 06.30 p.m.'. The poster includes a QR code for registration and a detailed agenda. The agenda items are:

- 05.30 pm - 05.45 pm: Welcome Address by Dr. P. R. Natarajan, Chairman, KPH Institute of Engineering and Technology.
- 05.45 pm - 06.00 pm: Presidential Address by Dr. S. Ramanan, Chairman, KPH Institute of Engineering and Technology.
- 06.00 pm - 06.15 pm: Introduction of Dr. S. Ramanan by Dr. A. J. Nave.
- 06.15 pm - 06.25 pm: Presentation by Dr. S. Ramanan on 'CLIMATE CHANGE AND CHALLENGES'.
- 06.25 pm - 06.30 pm: Vote of Thanks by Dr. P. R. Natarajan.

 The poster also lists the contact information for the department and the institute, including phone and WhatsApp numbers, and the address: 'KPH INSTITUTES OF Engineering AND Technology, KPH Road, Coimbatore - 641 012, Kerala, India.'

Event No.	:	3
Date	:	05.10.2020
Venue	:	KPRIET
Level of the Event	:	National
Type of Event	:	Webinar
Title of the Event	:	World habitat day Program
In Association with	:	IEI Coimbatore local Centre
Resource Person 1	:	Dr J Daniel Chellappa, Eminent Nuclear Scientist, Chennai
Resource Person 2	:	
Convener	:	Dr.G.Anusha
Co-conveners	:	Dr.A.K Priya and S.Bharani
	:	Faculty : 38
No. of External Participant (Count)	:	Research Scholars : -
	:	Students : 26
	:	Others : 20

Outcome :

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted webinar on “**World Habitat Day – 2020 with a theme : A Better post urban COVID 19 Future : Towards Resilient, inclusive & Safe Smart Cities with Affordable & Scalable Innovations**” on 05th October 2020 at 11.00 am. The main aim of this webinar is is focused on the development and design of land use and the built environment, including air, water, and the infrastructure passing into and out of urban areas, such as transportation, communications, and distribution networks. The Chief Guest Dr J Daniel Chellappa, Eminent Nuclear Scientist, Chennai gave a brief presentation on the technical aspects of urban planning involve the applying scientific, technical processes, considerations and features that are involved in planning for land use, urban design, natural resources, transportation, and infrastructure

Google Meet Link : <https://meet.google.com/iib-kvye-mtb>



Event No. : 4

Date : 16-11-2020

Venue : KPRIET

Level of the Event : National

Type of Event : Webinar

Title of the Event : World standard day- “Environmental Sustainability through Resource Conservation Measures”

In Association with : IEI Coimbatore local Centre

Resource Person 1 : Mr.K. Anil Kumar, Empanelled Speaker – PCRA(Ministry of Petroleum & Natural Gas) and Ex- Senior Marketing Manager – BPCL

Resource Person 2 :

Convener : Dr.G.Anusha

Co-conveners : Dr.A.K Priya and S.Bharani

No. of External Participant (Count) : Faculty : 40
Research Scholars : 12

Students : 28
Others : 25

Outcome :

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted webinar on “World Standard Day 2020 with a theme : Protecting the Planet with Standards : Environmental Sustainability through Resource Conservation Measures” on 16th November 2020 at 11.00 am. The Webinar is mainly focused on the Energy Conservation Measures and measures to take to conserve the Environment. The webinar is based on the theme ‘protecting the planet’ by conserving the Environment. The speaker delivered the content elaborately and focused on the future goals to conserve natural resources. The Chief Guest Mr. Anil Kumar, Empanelled Speaker – PCRA (Ministry of Petroleum & Natural Gas) and Ex- Senior Marketing Manager – BPCL, gave a brief presentation on Environmental Sustainability through Resource Conservation Measures. Higher economic growth is necessary to reduce the level of poverty and improve the living standard of population. But higher economic growth requires greater use of natural resources and environment which in turn leads to their degradation and eventual decay. Increased population pressure on natural resources also contributes to their degradation. Hence, higher growth may not necessarily lead to sustainable development unless it is accompanied by environmental protection. An efficient demand management policy by emphasizing conservation and prudent use of environment can also increase the supply of reserves. Totally 105 Participants in YouTube live attended this webinar.

Google Meet Link : <https://meet.google.com/iib-kvye-mtb>

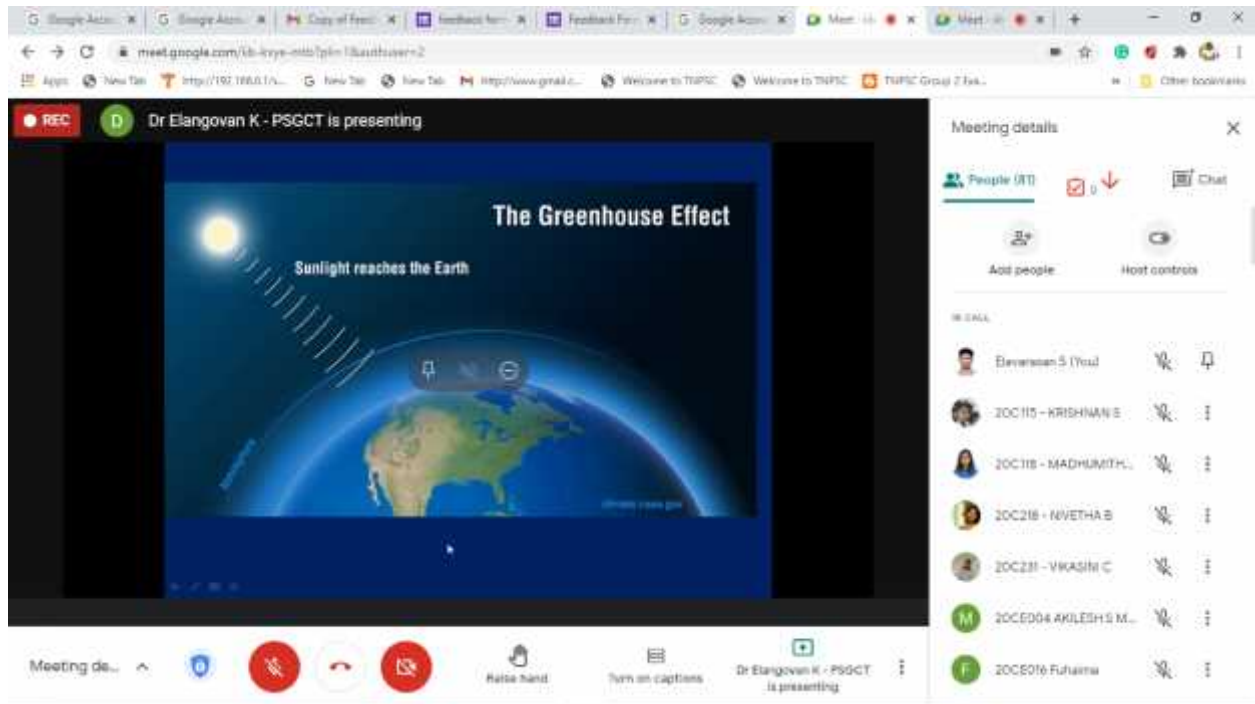


Event No.	:	5
Date	:	06-01-2021
Venue	:	KPRIET
Level of the Event	:	National
Type of Event	:	Webinar
Title of the Event	:	Climate Impact Change in the Environment
In Association with	:	IEI Coimbatore local Centre
Resource Person 1	:	Dr.K.Elangovan, Professor, Department of Civil Engineering, PSG College of Technology, Coimbatore
Resource Person 2	:	
Convener	:	Dr.G.Anusha
Co-conveners	:	Dr.A.K Priya and S.Bharani
	:	Faculty : 40
No. of External Participant (Count)		Research Scholars : 12
		Students : 28
		Others : 25

Outcome :

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted webinar on “Climate Impact Change in the Environment” on 06th January 2021 at 11.00 am. The Webinar is mainly focused on the problem arises due to change in climate and measures to take to preserve the Environment. The speaker delivered the content elaborately and focused on the future goals to conserve natural resources.

Google Meet Link : <https://meet.google.com/iib-kvye-mtb>



Event No.	:	6
Date	:	24-02-2021
Venue	:	KPRIET
Level of the Event	:	National
Type of Event	:	Webinar
Title of the Event	:	GIS Application in Solid Waste Management
In Association with	:	IEI Coimbatore local Centre
Resource Person 1	:	Dr.E.S.M Suresh, Professor and Head, Department of Civil and Environment Engineering, NITTT.
Resource Person 2	:	
Convener	:	Dr.G.Anusha
Co-conveners	:	S.Bharani
No. of External Participant (Count)	:	Faculty : 45 Research Scholars : 20

Students : 28
Others : 25

Outcome :

The Department of Civil Engineering of KPR Institute of Engineering and Technology conducted webinar on “GIS Application in Solid Waste Management” on 24th February 2021 at 11.00 am. The Webinar is mainly focuses on the application of GIS as a planning and data collection tool in Solid Waste Management and analyses to what extent GIS is being used in solid waste management by the local authorities in Mauritius and also identifies the barriers to the proper use of GIS in this sector.

Google Meet Link : <https://meet.google.com/iib-kvye-mtb>



Event No. : 7
Date : 09-04-2021
Venue : KPRIET
Level of the Event : National
Type of Event : Webinar
Title of the Event : Energy using Bio- Materials

In Association with : IEI Coimbatore local Centre

Resource Person 1 : Dr.Suresh, Associate Professor,Coimbatore Institute of Technology.

Resource Person 2 :

Convener : Dr. Rameshbabu

Co-conveners : S.Bharani/Civil and Mrs. Bhuvaneshwari/Mech

: Faculty : 45

No. of External Research Scholars : 10

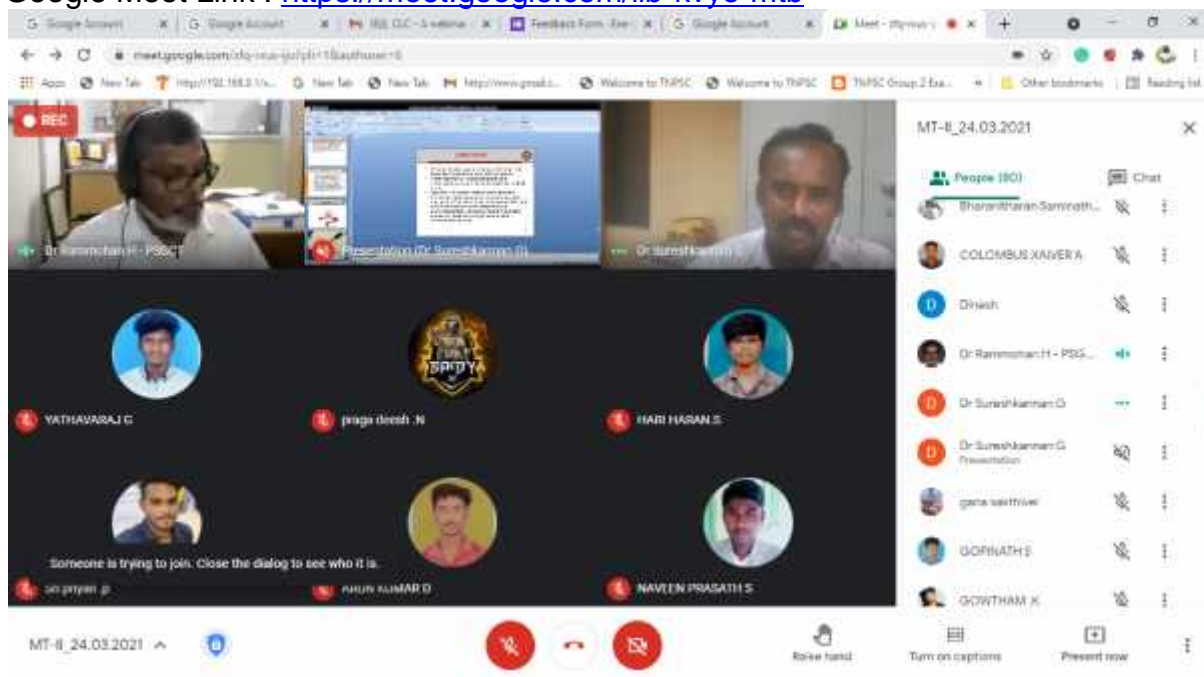
Participant (Count) Students : 35

Others : 20

Outcome :

The Department of Mechanical Engineering of KPR Institute of Engineering and Technology conducted webinar on “Energy using Bio- Materials” on 09th April 2021 at 11.00 am. The Webinar is mainly focuses on the different aspects of Energy Materials, Solar Energy, Hydrogen Energy, Carbon Materials, Batteries and fuel cells. This conservation of power and their new techniques were discussed in this webinar.

Google Meet Link : <https://meet.google.com/iib-kvye-mtb>



Event No.	:	8
Date	:	07.06.2021
Venue	:	KPRIET
Level of the Event	:	National
Type of Event	:	Webinar
Title of the Event	:	World Environment Day 2021 : Theme : Ecosystem Restoration Topic: "Sustainable Living – The way forward – For earth's sake"
In Association with	:	IEI Coimbatore local Centre
Resource Person 1	:	Dr. Sultan Ahmed Ismail, Advisor and Former Director, Ecoscience Research Foundation, Chennai.
Resource Person 2	:	
Convener	:	Dr. G Anusha
Co-conveners	:	Dr.A.K Priya and S.Bharani/Civil
	:	Faculty : 40
No. of External	Research Scholars	: 15
Participant (Count)	Students	: 25
	Others	: 20

Outcome :

The Department of Mechanical Engineering of KPR Institute of Engineering and Technology conducted webinar on World Environment Day 2021 : Theme : Ecosystem Restoration Topic: "Sustainable Living – The way forward – For earth's sake" on 07th June 2021 at 11.00 am. The Webinar is mainly focuses on the Ecosystem and it importance. He focuses mainly on how to promote various food chains and food webs. He describes about animal ecosystem and its life cycle.

Google Meet Link : <https://meet.google.com/iib-kvye-mtb>

